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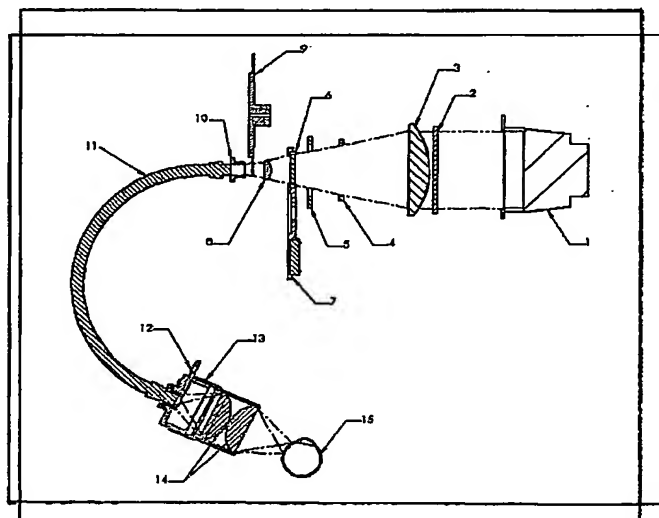
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(54) Title: **TRANSLERAL OPHTHALMIC ILLUMINATION METHOD AND SYSTEM**



(57) Abstract: A method and apparatus for illuminating the interior of the eye through the sclera without any contact to the eye. The apparatus contains a lamp element and optics that focus the light on the eye sclera. One or more fiber optics bundles may be used to convey the light from the light source close to the illuminated eye, ending with condensing optical elements. Alternatively, light could be conveyed by sharing the optics of an imaging system. It is useful for observing or imaging the interior of the eye, the retina, or the choroid. The observation or the imaging of the interior of the eye, the retina, or the choroid by applying the disclosed illumination method can be done in conjunction with any system that includes optics for that purpose, e.g., fundus cameras and ophthalmoscopes, without using those systems' illumination elements.



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